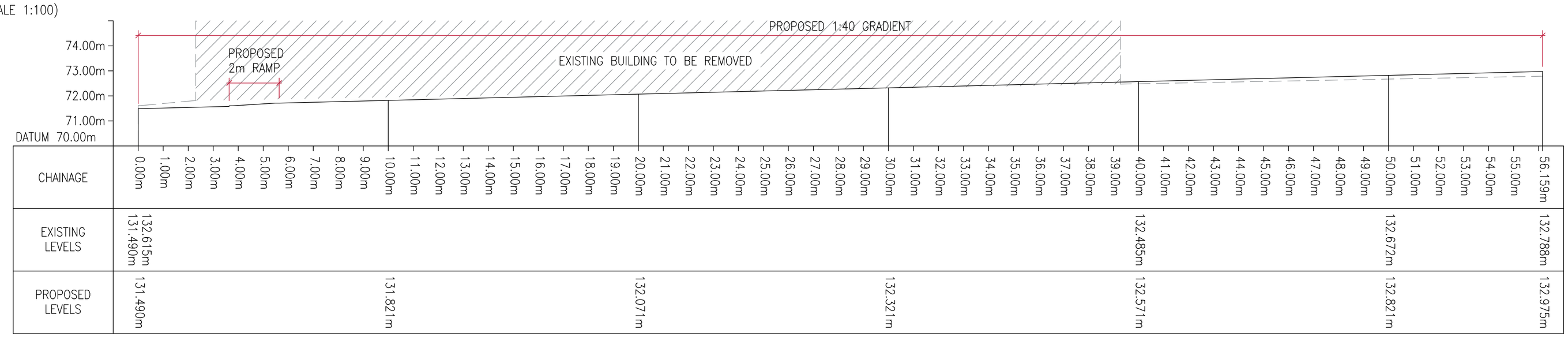
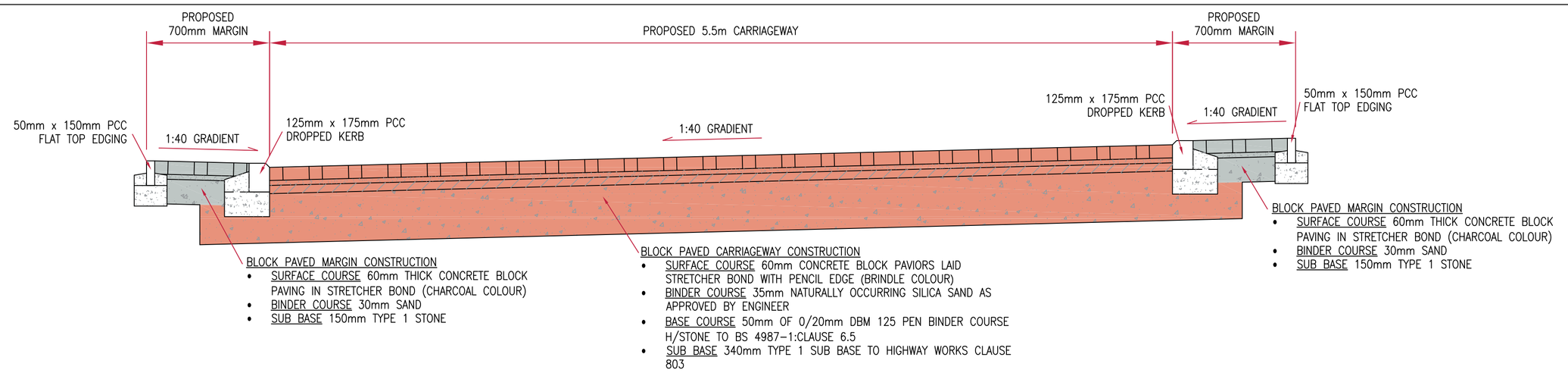
PROPOSED ACCESS LONG SECTION (SCALE 1:100)



SECTION A – A (SCALE: 1:20)



BLOCK PAVED MARGIN CONSTRUCTION
- SURFACE COURSE 60mm THICK CONCRETE BLOCK PAVING IN STRETCHER BOND (CHARCOAL COLOUR)
- BINDER COURSE 30mm SAND
- SUB BASE 150mm TYPE 1 STONE

BLOCK PAVED CARRIAGEWAY CONSTRUCTION
- SURFACE COURSE 60mm CONCRETE BLOCK PAVIORS LAID STRETCHER BOND WITH PENCIL EDGE (BRINDLE COLOUR)
- BINDER COURSE 35mm NATURALLY OCCURRING SILICA SAND AS APPROVED BY ENGINEER
- BASE COURSE 50mm OF 0/20mm DBM 125 PEN BINDER COURSE H/STONE TO BS 4987–1:CLAUSE 6.5
- SUB BASE 340mm TYPE 1 SUB BASE TO HIGHWAY WORKS CLAUSE 803

BLOCK PAVED MARGIN CONSTRUCTION
- SURFACE COURSE 60mm THICK CONCRETE BLOCK PAVING IN STRETCHER BOND (CHARCOAL COLOUR)
- BINDER COURSE 30mm SAND
- SUB BASE 150mm TYPE 1 STONE

GENERAL NOTES:
- THIS DRAWING SHOWS THE DETAILED DESIGN ONLY AND IS SUBJECT TO LOCAL AUTHORITY APPROVAL. THIS DRAWING SHOULD NOT BE SCALED FOR SETTING OUT PURPOSES.
- THIS DRAWING IS BASED ON A TOPOGRAPHICAL SURVEY PROVIDED BY OTHERS.
- BITUMEN TACK COAT TO BE APPLIED BETWEEN EACH BITUMEN LAYER.
- THE LAYOUT AND POSITIONS OF ANY PEDESTRIAN CROSSINGS TO BE AGREED WITH THE LOCAL AUTHORITY ENGINEER ON SITE.

KERBING NOTES:
- CONCRETE KERBS ABUTTING TARMAC SURFACING ARE REQUIRED TO BE PAINTED WITH A TACK COAT OF 200PEN BITUMEN.
- ANY KERBS THAT ARE TO REMAIN IN–SITU AND ARE EITHER DAMAGED OR ARE OUT OF HORIZONTAL/VERTICAL ALIGNMENT WILL NEED REPLACING WITHIN THE S278 LIMITS AREA.

CONSTRUCTION NOTES:
- ANY SOFT AREAS WILL REQUIRE EXCAVATING UNTIL FIRM GROUND IS FOUND AND BACKFILLING WITH A 6F2 MATERIAL AND TO BE COMPACTED IN 150mm LAYERS.
- PAVEMENT CONSTRUCTION TO BE USED WOULD BE SELECTED ON THE BASIS OF CBR VALUES OBTAINED ON SITE ONCE CONSTRUCTION OF ROAD IS UNDERWAY.
- GRANULAR SUB BASE LAYERS TO BE COMPACTED IN DEPTH LAYERS OF NO GREATER THAN 150mm.
- WHEN THE WIDTH OF THE BASE OR SUB BASE IS LESS THAN 1.0m, CONCRETE MIX ST5 25 N/mm² SHALL BE USED IN LIEU. THE WIDTH OF THE CONCRETE WILL VARY FROM 0.0m TO 1.0m; ALTHOUGH IN LIEU OF SUB BASE UNDER THE KERBS, THE WIDTH WILL NOT BE LESS THAN TOTAL THICKNESS OF THE FULL CARRIAGEWAY CONSTRUCTION. 100mm OF SURFACING IS REQUIRED ON TOP OF THE ST5 CONCRETE.
- PLANED CARRIAGEWAY AREAS OR ANY NEWLY LAID TARMAC MORE THAN 24 HOUR OLD REQUIRES A HOT TANKER APPLIED BITUMEN TACK COAT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS, AS FOLLOWS:

a. BINDER CLASSIFICATION AND APPLICATION DETAILS TO CL.920
b. THE BINDER SHALL BE BITUMEN EMULSION TO BS 434:PART 1
c. THE BINDER SHALL BE CLASS A1–40 OR K1–40
d. RATE OF SPREAD SHALL BE 0.3 TO 0.5/m2
e. PERMITTED ADDITIVES TO BINDER: NONE
f. BINDING MATERIAL: NONE

- CARRIAGEWAY OVERBREAK AREAS REQUIRE:

a. PLANED HORIZONTAL FACES TO BE SPRAYED WITH BITUMEN EMULSION CLASS K1–40 BS 434 AT RATE OF SPREAD 05.±0.1 L/m2.
b. VERTICAL PLANED FACES TO BE COATED WITH ah 50 TO 70 PEN GRADE HOT OR EMULSION BITUMEN BY BRUSHING OR PURING TO ACHIEVE APPROXIMATELY 2mm THICKNESS.

DRAINAGE/UTILITIES NOTES:
- ANY POLISHED/DAMAGED INSPECTION CHAMBERS WILL REQUIRE REPLACING WITH A CLASS D400 600x600x150 COVER AND FRAME AND PLACED ON A SOLID CLASS B ENGINEERING BRICK WITH A CLASS 1 (1:3) MORTAR BED TO THE FINISHED SURFACE COURSE MATERIAL.
- ANY STATUTORY UTILITY COVERS/FRAMES THAT ARE DAMAGED WILL REQUIRE RENEWING AND RESETTING TO THE NEW FINISHED SURFACE LEVELS. ANY DAMAGED DURING WORKS WILL NEED TO BE REPLACED.
- ALL NEWLY INSTALLED STATUTORY UNDERTAKERS APPARATUS WILL REQUIRE THE APPROPRIATE WARNING TAPE/ARMOURED TAPE TO BE LAID ON TOP OF THEIR DUCTS, AND ALL DUCTS SHOULD BE LAID TO THE DEPTHS IN ACCORDANCE WITH THE LATEST NJUG GUIDANCE PUBLICATION.
- GULLIES LOCATED IN SHARED USE SURFACES MUST HAVE SUITABLE PEDESTRIAN AND CYCLIST FRIENDLY COVERS. THE OPENINGS IN GULLY GRATINGS MUST NOT ALIGN WITH CYCLISTS ANTICIPATED WHEEL TRACKS.
- ANY DOUBLE GULLIES TO HAVE INDIVIDUAL GULLY LEADS.

REV	DATE	DESCRIPTION

PARAGON HIGHWAYS
UNIT 2, THE OFFICE CAMPUS,
PARAGON BUSINESS PARK, RED HALL COURT,
WAKEFIELD WF1 2UY
01924 291436 / PARAGONHIGHWAYS.COM

JOB	DWG	REV
1186	02	

SCALE: 1:200 @A1

DATE: Jan 2017

WENTWORTH STREET, BIRDWELL
S38 DETAILED DESIGN